



PLAN OF PIER  
Scale:  $\frac{3}{16}'' = 1'-0''$

\* 2A or 6'-0'', whichever is greater,  
with a maximum of 12'-0''.

A= Width of pier footing.

B= Length of grout bags in front and  
behind pier to match pier footing width.

| APPROVAL   |      |
|--|------|
| <i>L.S. Friedman</i> DIRECTOR<br>OFFICE OF STRUCTURES<br>DATE: 11/6/96 |      |
| REVISIONS  |      |
| SHA  | FHWA |
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| FHWA APPROVAL |
| DATE: .       |

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF STRUCTURES

PLAN VIEW OF GROUT BAG  
INSTALLATION AT PIER

STANDARD NO. BR-SR(0.09)-96-316

SHEET 5 OF 7